

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051066

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/18 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/62503 A (HARDJONO THOMAS P ; NORTEL NETWORKS LTD (US)) 19 October 2000 (2000-10-19) page 5, line 9 - page 9, line 10; figures 1,2	7
X	EP 0 902 569 A (AT & T CORP) 17 March 1999 (1999-03-17) paragraphs '0004! - '0009!; figure 1 ----- -/--	8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

4 October 2004

Date of mailing of the international search report

11/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kreppel, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051066

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KRUUS P S ET AL: "Techniques and issues in multicast security" MILITARY COMMUNICATIONS CONFERENCE, 1998. MILCOM 98. PROCEEDINGS., IEEE BOSTON, MA, USA 18-21 OCT. 1998, NEW YORK, NY, USA, IEEE, US, 18 October 1998 (1998-10-18), pages 1028-1032, XP010307977 ISBN: 0-7803-4506-1 Chapter "SECURITY SERVICES" -----</p>	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051066

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0062503	A	19-10-2000	US 6643773 B1	04-11-2003
			AU 4346800 A	14-11-2000
			CA 2372114 A1	19-10-2000
			EP 1171972 A2	16-01-2002
			WO 0062503 A2	19-10-2000
EP 0902569	A	17-03-1999	US 6259701 B1	10-07-2001
			CA 2245979 A1	11-03-1999
			EP 0902569 A1	17-03-1999